



XP-002327913

## Substance Identification

Beilstein Registry Number	101172-52-5
Beilstein Preferred RN	101172-52-5
CAS Registry Number	6-hydroxy-2-methyl-octahydro-isoquinoline-8a-carboxylic acid ethyl ester
Chemical Name	6-hydroxy-2-methyl-octahydro-isoquinoline-8a-carboxylic acid ethyl ester
Autoname	6-hydroxy-2-methyl-octahydro-isoquinoline-8a-carboxylic acid ethyl ester
Molecular Formula	C <sub>13</sub> H <sub>23</sub> NO <sub>3</sub>
Molecular Weight	241.33
Lawson Number	26671, 2817, 298
Type of Substance	heterocyclic
Constitution ID	175870
Tautomer ID	127683
Beilstein Reference	4-22-00-02111
Entry Date	1988/06/27
Update Date	1992/05/13

## Field Availability List 1-3 of 3

Code	Field Name	Occ.
1	Reaction	3
2	Boiling Point	1
3	Reference	1

## Reaction 1 of 3

Reaction ID	186484
Reactant BRN	6-hydroxy-2-methyl-octahydro-isoquinoline-8a-carboxylic acid ethyl ester
Product BRN	7-methyl-hexahydro-3,8a-ethano-pyrano[3,4-c]pyridin-1-one
No. of Reaction Details	1
Reaction Entry Date	1988/06/27
Reaction Update Date	1988/06/27

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Reaction Classification  
Reagent

Entry Date

Note 1  
Ref. 1

Preparation  
HCl  
benzene  
1988/06/27

Handbook  
1988/06/27; Journal; Sugimoto et al.; YKKZAJ;  
Yakugaku Zasshi; 75; 1955; 177; Chem.Abstr.; 1956; 1814.

## Reaction 2 of 3

Reaction ID  
Reactant BRN

Product BRN

No. of Reaction Details  
Reaction Entry Date  
Reaction Update Date  
Reaction Classification  
Reagent

Entry Date

Note 1  
Ref. 1

186484 6-hydroxy-2-methyl-octahydro-isoquinoline-8a-carboxylic acid ethyl ester  
2-methyl-6-oxo-octahydro-isoquinoline-8a-carboxylic acid ethyl ester  
1  
1988/06/27  
1988/06/27  
Preparation  
MnO<sub>2</sub>  
petroleum ether  
1988/06/27

Handbook  
1988/06/27; Journal; Sugimoto et al.; YKKZAJ;  
Yakugaku Zasshi; 75; 1955; 177; Chem.Abstr.; 1956; 1814.

## Reaction 3 of 3

Reaction ID  
Reactant

Product BRN

No. of Reaction Details  
Reaction Entry Date  
Reaction Update Date  
Reaction Classification  
Reagent

Other Conditions  
Entry Date

Note 1  
Ref. 1

(+)-2-methyl-6-oxo-2,3,4,6,7,8-hexahydro-1H-isoquinoline-8a-carboxylic acid ethyl ester  
6-hydroxy-2-methyl-octahydro-isoquinoline-8a-carboxylic acid ethyl ester  
1  
1988/06/27  
1988/06/27  
Preparation (half reaction)  
platinum  
ethanol  
Hydrogenation  
1988/06/27

Handbook  
1988/06/27; Journal; Sugimoto et al.; YKKZAJ;  
Yakugaku Zasshi; 75; 1955; 177; Chem.Abstr.; 1956; 1814.

## Boiling Point

VALUE (BP) C	Pressure (.P) Torr	Entry Date	Note	Ref.
153 - 154	4	1988/06/27	1	1

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Note 1  
Ref. 1

Handbook  
; 1988/06/27; Journal; Sugimoto et al.; YKKZAJ;  
Yakugaku Zasshi; 75; 1955; 177; Chem.Abstr.; 1956; 1814.

## Reference

; 1988/06/27; Journal; Sugimoto et al.; YKKZAJ;  
Yakugaku Zasshi; 75; 1955; 177; Chem.Abstr.; 1956; 1814.